

AMENDMENTS

Listing of Claims

The following listing of claims replaces all previous listings or versions thereof:

- 1-38. (Canceled)
39. (Presently amended) A method of screening [for an anti-cancer agent] a candidate substance comprising:
- (a) providing a target polypeptide comprising at least the cdc20 binding domain of Mad2;
 - (b) contacting said target polypeptide with a candidate substance;
 - (c) determining the binding of said candidate substance to said target polypeptide;
and
 - (d) in case of positive target polypeptide binding, screening for an anti-cancer effect.
40. The method of claim 39, wherein said candidate substance is a peptide.
41. The method of claim 40, wherein said peptide is selected from a peptide library.
42. The method of claim 39, wherein step (d) comprises admixing said candidate substance with a cancer cell and measuring one or more characteristics of said cancer cell.
43. The method of claim 42, wherein said characteristics include cell growth, cell viability, cell shape or cell differentiation.
44. The method claim 40, wherein step (d) comprises contacting an expression vector encoding said peptide with a cancer cell and measuring one or more characteristics of said cancer cell.
45. The method of claim 39, wherein said target peptide is expressed on the surface of a phage.